

- iv) two or more different cytoplasmic signalling components which are selected from the group consisting of the cytoplasmic domains of a zeta, eta or epsilon chain of the T-cell receptor, CD28, the gamma chain of a Fc receptor, a cytokine receptor, a colony stimulating factor receptor, a tyrosine kinase or an adhesion molecule, B9, MB-1, CD3 delta, CD3 gamma, CD5 or CD2, or a fragment thereof, wherein at least one of said two cytoplasmic signalling components is derived from a membrane spanning polypeptide; and optionally
- v) one or more spacer regions linking any two or more of said i) to iv) components, wherein, when said chimeric receptor is expressed in the effector cell and the binding component binds the cell surface antigen on the target cell, a signal is transduced in the effector cell via the cytoplasmic signalling components.

21. (Three times amended) The DNA delivery system according to claim 11 wherein the binding component is a CDR-grafted single chain Fv fragment.

22. (Three times amended) The DNA delivery system according to claim 11 wherein the binding component is a CDR-grafted Fab' fragment.

23. (Three times amended) The DNA delivery system according to claim 11 wherein the transmembrane component is the alpha, beta or zeta chain of the T-cell receptor, CD28, CD8, CD4, a cytokine receptor or a colony stimulating factor receptor, or a fragment thereof.

24. (Three times amended) The DNA delivery system according to claim 23 wherein the transmembrane component is CD28 or a fragment thereof.

28. (Three times amended) The DNA delivery system according to claim 23 wherein the cytoplasmic signalling components comprise CD28 or the zeta chain of the T-cell receptor or a fragment thereof.

31. (Three times amended) The DNA delivery system according to claim 53 wherein two or more different spacer regions link the binding component ii) and the